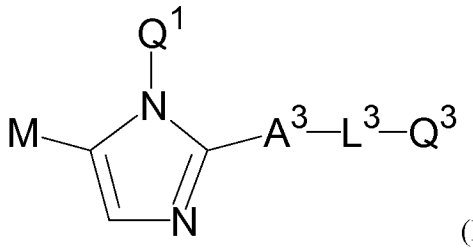
Amendments to the Claims:

SAMPLE LANGUAGE:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A compound of the formula (I):



(I),

wherein:

Q^1 is selected from the group consisting of C_{1-7} alkyl, C_{1-7} haloalkyl and C_{2-7} alkenyl;

wherein Q^1 may be substituted with one or more substituents selected from the group consisting of halo, cyano, hydroxy, OR^{11}, C_{1-5} alkyl, C_{1-5} haloalkyl, C_{2-5} alkenyl, nitro, amino, $R^{11}HN$-, $R^{11}R^{12}N$-, ~~amido,~~ $R^{11}HNC(O)$, $R^{11}R^{12}NC(O)$ and $R^{11}OC(O)$, and

wherein R^{11} and R^{12} are independently C_{1-5} alkyl, C_{1-5} haloalkyl or C_{2-5} alkenyl;

M is a moiety of the formula $-CH_2R^M$, $-CHOHR^M$, $-C(=O)R^M$ or $-C(=N-OH)R^M$,

wherein, R^M is selected from the group consisting of C_{1-7} alkyl, $R^{M1}HN$-, $R^{M1}R^{M2}N$-, C_{5-7} cycloalkyl, aryl, biaryl and 4-7 membered heterocyclyl containing between 1 and 2 heteroatoms,

wherein R^M may be substituted with one or more substituents independently selected from the group consisting of halo, cyano, hydroxy, OR^{M1}, C_{1-5} alkyl, C_{1-5} haloalkyl, C_{2-5} alkenyl, nitro, amino $R^{M1}HN$-, $R^{M1}R^{M2}N$-, ~~amido,~~ $R^{M1}HNC(O)$ and $R^{M1}R^{M2}NC(O)$, and

wherein R^{M1} and R^{M2} are independently C_{1-5} alkyl, C_{1-5} haloalkyl or C_{2-5} alkenyl;

or M is hydrogen;

A^3 is NH, NR^3, sulfur, sulfoxide, sulfone or oxygen, wherein R^3 is C_{1-5} alkyl;

L^3 is C_{1-7} alkyl or C_{2-7} alkenyl;

wherein L^3 may be substituted with one or more substituents selected from the group consisting of halo, hydroxy, methoxy and amino;

or L^3 is absent; and

Q^3 is selected from the group consisting of C_{1-7} alkyl, C_{1-7} haloalkyl, C_{2-7} alkenyl, C_{3-7} cycloalkyl, C_{5-7} cycloalkenyl, aryl, 4-7 membered heterocyclyl, C_{3-7} cycloalkyl- 4-7 membered heterocyclyl, 4-7 membered heterocyclyl- C_{3-7} cycloalkyl, bi-(4-7 membered heterocyclyl), $R^{31}HN$-, $R^{31}R^{32}N$-, azinoyl, C_{3-7} cycloalkylamino, 4-7 membered heterocyclylamino, aryl C_{1-6} alkylamino, C_{3-7} cycloalkylsulfanyl, 4-7 membered heterocyclylsulfanyl and 4-7 membered heterocyclyloxy;

wherein Q^3 may be substituted with one or more substituents selected from the group consisting of halo, cyano, hydroxy, OR^{31}, C_{1-5} alkyl, C_{1-5} haloalkyl, C_{2-5} alkenyl, nitro, amino, $R^{31}HN$-, $R^{31}R^{32}N$-, ~~amido,~~ $R^{31}HNC(O)$, $R^{31}R^{32}NC(O)$, $R^{31}OC(O)$, C_{3-7} cycloalkyl, monocyclic 4-7 membered heterocyclyl and monocyclic 4-7 membered heterocyclylalkyl, and

wherein R^{31} and R^{32} are independently C_{1-5} alkyl, C_{1-5} haloalkyl or C_{2-5} alkenyl;

or A^3 and L^3 are absent and Q^3 is sulfanyl;

provided that when M is $-C(=O)R^M$, R^M is methyl, Q^1 is methyl, A^3 is sulfur, L^3 is CH_3, then Q^3 is not methyl;

provided further that when M is $CHOHR^M$, R^M is propyl substituted by hydroxyl, Q^1 is methyl, A^3 is sulfur, L^3 is CH_2, then Q^3 is not phenyl;

provided further that when M is CH_2R^M, R^M is methyl, Q^1 is methyl, A^3 is sulfur, L^3 is CH_2, then Q^3 is not 2-furanyl;

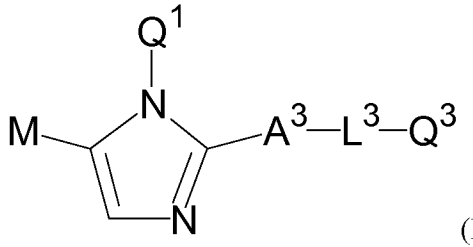
provided further that when M is hydrogen, Q^1 is methyl, A^3 is sulfur, L^3 is CH_2, then Q^3 is not methyl substituted by hydroxyl;

provided further that when M is hydrogen, Q^1 is methyl, A^3 is sulfur, L^1 is CH_2CH_2, then Q^3 is not 1-imidazolyl substituted by methyl and nitro;

provided further that when M is $CHOHR^M$, R^M is phenyl substituted in the 4-position by methyl, Q^1 is methyl, A^3 and L^3 are absent, then Q^3 is not sulfanyl;

or a pharmaceutically acceptable ~~ester, ether, *N*-oxide, amide,~~ salt~~, hydrate or isotopically labeled form~~ thereof.

2. (Currently Amended) A compound of claim 1 of the formula (I):



(I),

wherein:

Q^1 is C_{1-3} alkyl

wherein Q^1 may be substituted with one substituent selected from the group consisting of amino, $R^{11}HN$-, $R^{11}R^{12}N$-, ~~amido,~~ $R^{11}HNC(O)$, $R^{11}R^{12}NC(O)$ and $R^{11}OC(O)$, and

wherein R^{11} and R^{12} are independently C_{1-5} alkyl, C_{1-5} haloalkyl or C_{2-5} alkenyl;

M is a moiety of the formula $-CH_2R^M$, $-CHOHR^M$, or $-C(=O)R^M$,

wherein, R^M is selected from the group consisting of C_{1-3} alkyl, $R^{M1}HN$-, C_{1-3} $R^{M1}R^{M2}N$-, C_{5-7} cycloalkyl, aryl, biaryl and 4-7 membered heterocyclyl containing between 1 and 2 heteroatoms,

wherein R^M may be substituted with one or more substituents independently selected from the group consisting of halo, cyano, hydroxy, OR^{M1}, C_{1-5} alkyl, nitro, and amino; and

A^3 is sulfur or oxygen

L^3 is C_{1-7} alkyl or C_{2-7} alkenyl;

wherein L^3 may be substituted with one or more substituents selected from the group consisting of halo, hydroxy, methoxy and amino (H_2N-);

or L^3 is absent; and

Q^3 is selected from the group consisting of C_{1-7} alkyl, C_{1-7} haloalkyl, C_{2-7} alkenyl, C_{3-7} cycloalkyl, C_{5-7} cycloalkenyl, aryl, 4-7 membered heterocyclyl, C_{3-7} cycloalkyl- 4-7 membered heterocyclyl, 4-7 membered heterocyclyl- C_{3-7} cycloalkyl, bi-(4-7 membered heterocyclyl), $R^{31}HN$-, $R^{31}R^{32}N$-, azinoyl, C_{3-7} cycloalkylamino, 4-7 membered heterocyclylamino, aryl C_{1-6} alkylamino, C_{3-7} cycloalkylsulfanyl, 4-7 membered heterocyclylsulfanyl and 4-7 membered heterocyclyloxy;

wherein Q^3 may be substituted with one or more substituents selected from the group consisting of halo, cyano, hydroxy, OR^{31}, C_{1-5} alkyl, C_{1-5} haloalkyl, C_{2-5} alkenyl, nitro, amino, $R^{31}HN$-, $R^{31}R^{32}N$-, ~~amido,~~ $R^{31}HNC(O)$, $R^{31}R^{32}NC(O)$, $R^{31}OC(O)$, C_{3-7} cycloalkyl, monocyclic 4-7 membered heterocyclyl and monocyclic 4-7 membered heterocyclylalkyl, and

wherein R^{31} and R^{32} are independently C_{1-5} alkyl, C_{1-5} haloalkyl or C_{2-5} alkenyl;

or A^3 and L^3 are absent and Q^3 is sulfanyl;

provided that when M is $-C(=O)R^M$, R^M is methyl, Q^1 is methyl, A^3 is sulfur, L^3 is CH_3, then Q^3 is not methyl;

provided further that when M is $CHOHR^M$, R^M is propyl substituted by hydroxyl, Q^1 is methyl, A^3 is sulfur, L^3 is CH_2, then Q^3 is not phenyl;

provided further that when M is CH_2R^M, R^M is methyl, Q^1 is methyl, A^3 is sulfur, L^3 is CH_2, then Q^3 is not 2-furanyl;

or a pharmaceutically acceptable ~~ester, ether, *N*-oxide, amide,~~ salt~~, hydrate or isotopically labeled form~~ thereof.

3. (Original) The compound of claim 1 wherein Q^1 is unsubstituted C_{1-3} alkyl.

4. (Original) The compound of claim 1 wherein Q^1 is methyl.

5. (Original) The compound of claim 1 wherein M is a moiety of the formula $-CH_2R^M$, $-CHOHR^M$, $-C(=O)R^M$ or $-C(=N-OH)R^M$.

6. (Original) The compound of claim 1 wherein M is $-CHOHR^M$.

7. (Original) The compound of claim 1 wherein M is $-C(=O)R^M$.

8. (Original) The compound of claim 1 wherein R^M is unsubstituted or substituted C_{3-7} cycloalkyl, aryl or 4-7 membered heterocyclyl.

9. (Original) The compound of claim 1 wherein R^M is aryl unsubstituted or substituted with halo, cyano, hydroxy, methoxy, C_{1-3} alkyl, perhalomethyl, nitro, or amino.

10. (Original) The compound of claim 1 wherein R^M is phenyl unsubstituted or substituted with F, Cl, Br, cyano, methoxy, C_{1-3} alkyl, CF_3, hydroxy, or nitro.

11. (Original) The compound of claim 1 wherein A^3 is oxygen, sulfur or NH.

12. (Original) The compound of claim 1 wherein A^3 is oxygen.

13. (Original) The compound of claim 1 wherein A^3 is sulfur.

14. (Original) The compound of claim 1 wherein L^3 is unsubstituted or substituted C_{1-5} alkyl or C_{2-5} alkenyl.

15. (Original) The compound of claim 1 wherein L^3 is selected from (a) C_{1-3} alkyl, which may be unsubstituted or substituted, and independently may be unbranched or branched, and (b) C_{4-5} alkyl, which is branched or substituted, or both.

16. (Original) The compound of claim 1 wherein L^3 is absent.

17. (Original) The compound of claim 1 wherein Q^3 is $R^{31}HN$- or $R^{31}R^{32}N$-, or an unsubstituted or substituted nitrogen-containing 4-7 membered heterocyclyl, C_{3-7} cycloalkyl- 4-7 membered heterocyclyl, 4-7 membered heterocyclyl-C_{3-7} cycloalkyl or bi-(4-7 membered heterocyclyl).

18. (Original) The compound of claim 1 wherein Q^3 is an unsubstituted or substituted, nitrogen-containing, 5-6 membered heterocyclyl.

19. (Original) The compound of claim 1 wherein Q^3 is $R^{31}R^{32}N$-.

20. (Original) The compound of claim 1 wherein: Q^1 is methyl; M is a moiety of the formula $-CH_2R^M$, $-CHOHR^M$, $-C(=O)R^M$ or $-C(=N-OH)R^M$; R^M is phenyl unsubstituted or substituted with F, Cl, Br, cyano, methoxy, C_{1-3} alkyl, CF_3, hydroxy, or nitro; A^3 is oxygen or sulfur; L^3 is selected from (a) C_{1-3} alkyl, which may be unsubstituted or substituted, and independently may be unbranched or branched, and (b) C_{4-5} alkyl, which is branched or substituted, or both; and Q^3 is $R^{31}R^{32}N$-.

21. (Original) The compound of claim 1 wherein: Q^1 is methyl; M is a moiety of the formula $-CH_2R^M$, $-CHOHR^M$ or $-C(=O)R^M$; R^M is phenyl unsubstituted or substituted with F, Cl, Br, cyano, methoxy, C_{1-3} alkyl, CF_3, hydroxy, or nitro; A^3 is oxygen or sulfur; L^3 is unsubstituted or substituted C_{1-5} alkyl or C_{2-5} alkenyl, or L^3 is absent; and Q^3 is an unsubstituted or substituted, nitrogen-containing, 5-6 membered heterocyclyl.

22. (Original) A compound of claim 1 selected from the group consisting of:

(2-Chlorophenyl)-[2-(1-isopropyl-piperidin-4-ylmethoxy)-3-methyl-3*H*-imidazol-4-yl]-methanone;

(4-Bromophenyl)-[2-(3-dimethylamino-propylsulfanyl)-3-methyl-3*H*-imidazol-4-yl]-methanone;

(4-Chlorophenyl)-{3-methyl-2-[2-(1-methylpyrrolidin-2-yl)-ethylsulfanyl]-3*H*-imidazol-4-yl}-methanone;

(4-Fluorophenyl)-[2-(1-isopropyl-piperidin-4-ylmethoxy)-3-methyl-3*H*-imidazol-4-yl]-methanone;

(3-Chlorophenyl)-[2-(1-isopropyl-piperidin-4-ylmethoxy)-3-methyl-3*H*-imidazol-4-yl]-methanone;

(4-Chlorophenyl)-[2-(1-isopropyl-piperidin-4-ylsulfanyl)-3-methyl-3*H*-imidazol-4-yl]-methanone;

(4-Chlorophenyl)-[3-methyl-2-(3-piperidin-1-yl-propylsulfanyl)-3*H*-imidazol-4-yl]-methanone;

(4-Chlorophenyl)-[2-(3-dimethylamino-propylsulfanyl)
-3-methyl-3*H*-imidazol-4-yl]-methanone oxime;

(4-Chlorophenyl)-[2-(1-isopropyl-piperidin-4-ylmethoxy)-3-methyl-3*H*-imidazol-4-yl]-methanone;

[2-(3-Dimethylamino-propylsulfanyl)-3-methyl-3*H*-imidazol-4-yl]-phenyl-methanone;

(3,5-Dichlorophenyl)-[2-(1-isopropyl-piperidin-4-ylmethoxy)-3-methyl-3*H*-imidazol-4-yl]-methanone;

[2-(1-Isopropyl-piperidin-4-ylmethoxy)-3-methyl-3*H*-imidazol-4-yl]-(4-trifluoromethyl-phenyl)-methanone;

[2-(1-Isopropyl-piperidin-4-ylmethoxy)-3-methyl-3*H*-imidazol-4-yl]-(4-nitro-phenyl)-methanone;

(4-Bromophenyl)-[2-(1-isopropyl-piperidin-4-ylmethoxy)-3-methyl-3*H*-imidazol-4-yl]-methanone;

(4-Bromophenyl)-[2-(1-ethyl-piperidin-4-ylmethoxy)-3-methyl-3*H*-imidazol-4-yl]-methanone;

(4-Chlorophenyl)-[3-methyl-2-(1-methyl-piperidin-4-ylsulfanyl)-3*H*-imidazol-4-yl]-methanone;

(4-Bromophenyl)-[3-methyl-2-(3-piperidin-1-yl-propylsulfanyl)-3*H*-imidazol-4-yl methanone;

4-{Hydroxy-[2-(1-isopropyl-piperidin-4-ylmethoxy)-3-methyl-3*H*-imidazol-4-yl]-methyl}-benzonitrile; and

(4-Bromophenyl)-[2-(1-*sec*-butyl-piperidin-4-ylmethoxy)-3-methyl-3*H*-imidazol-4-yl]-methanone;

or a pharmaceutically acceptable ester, ether, *N*-oxide, amide, salt, hydrate or isotopically labeled form thereof.

23. (Original) A compound of claim 1 selected from the group consisting of:
(2-Chlorophenyl)-[2-(1-isopropyl-piperidin-4-ylmethoxy)-3-methyl-3*H*-imidazol-4-yl]-methanone;
(4-Bromophenyl)-[2-(3-dimethylamino-propylsulfanyl)-3-methyl-3*H*-imidazol-4-yl]-methanone;
(4-Chlorophenyl)-{3-methyl-2-[2-(1-methylpyrrolidin-2-yl)-ethylsulfanyl]-3*H*-imidazol-4-yl}-methanone;
(4-Fluorophenyl)-[2-(1-isopropyl-piperidin-4-ylmethoxy)-3-methyl-3*H*-imidazol-4-yl]-methanone;
(3-Chlorophenyl)-[2-(1-isopropyl-piperidin-4-ylmethoxy)-3-methyl-3*H*-imidazol-4-yl]-methanone;
(4-Chlorophenyl)-[2-(1-isopropyl-piperidin-4-ylsulfanyl)-3-methyl-3*H*-imidazol-4-yl]-methanone;
(4-Chlorophenyl)-[3-methyl-2-(3-piperidin-1-yl-propylsulfanyl)-3*H*-imidazol-4-yl]-methanone;
(4-Chlorophenyl)-[2-(3-dimethylamino-propylsulfanyl)
-3-methyl-3*H*-imidazol-4-yl]-methanone oxime;
(4-Chlorophenyl)-[2-(1-isopropyl-piperidin-4-ylmethoxy)-3-methyl-3*H*-imidazol-4-yl]-methanone;
[2-(3-Dimethylamino-propylsulfanyl)-3-methyl-3*H*-imidazol-4-yl]-phenyl-methanone;
(3,5-Dichlorophenyl)-[2-(1-isopropyl-piperidin-4-ylmethoxy)-3-methyl-3*H*-imidazol-4-yl]-methanone;
[2-(1-Isopropyl-piperidin-4-ylmethoxy)-3-methyl-3*H*-imidazol-4-yl]-(4-trifluoromethyl-phenyl)-methanone;
[2-(1-Isopropyl-piperidin-4-ylmethoxy)-3-methyl-3*H*-imidazol-4-yl]-(4-nitro-phenyl)-methanone; and
(4-Bromophenyl)-[2-(1-isopropyl-piperidin-4-ylmethoxy)-3-methyl-3*H*-imidazol-4-yl]-methanone;

or a pharmaceutically acceptable ester, ether, *N*-oxide, amide, salt, hydrate or isotopically labeled form thereof.

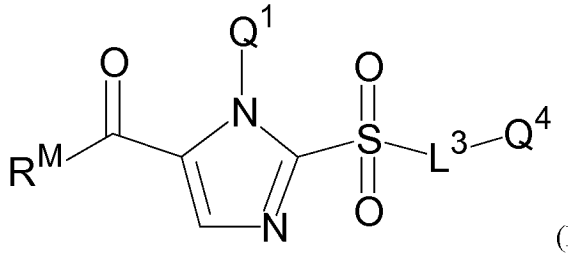
24. (Original) A compound of claim 1 selected from the group consisting of:
(4-Fluorophenyl)-[2-(1-isopropyl-piperidin-4-ylmethoxy)-3-methyl-3*H*-imidazol-4-yl]-methanone;
(4-Chlorophenyl)-[2-(1-isopropyl-piperidin-4-ylmethoxy)-3-methyl-3*H*-imidazol-4-yl]-methanone; and
[2-(1-Isopropyl-piperidin-4-ylmethoxy)-3-methyl-3*H*-imidazol-4-yl]-(4-nitro-phenyl)-methanone;
or a pharmaceutically acceptable ester, ether, *N*-oxide, amide, salt, hydrate or isotopically labeled form thereof.

25. (Original) The compound of claim 1 having the formula (4-Chlorophenyl)-[2-(1-isopropyl-piperidin-4-ylmethoxy)-3-methyl-3*H*-imidazol-4-yl]-methanone or a pharmaceutically acceptable ester, ether, *N*-oxide, amide, salt, hydrate or isotopically labeled form thereof.

26. (Original) The compound of claim 1 having the formula (4-Fluorophenyl)-[2-(1-isopropyl-piperidin-4-ylmethoxy)-3-methyl-3*H*-imidazol-4-yl]-methanone or a pharmaceutically acceptable ester, ether, *N*-oxide, amide, salt, hydrate or isotopically labeled form thereof.

27. (Original) The compound of claim 1 having the formula [2-(1-Isopropyl-piperidin-4-ylmethoxy)-3-methyl-3*H*-imidazol-4-yl]-(4-nitro-phenyl)-methanone or a pharmaceutically acceptable ester, ether, *N*-oxide, amide, salt, hydrate or isotopically labeled form thereof.

28. (Currently Amended) A compound of claim 1 of the formula (II):



(II)

wherein:

Q^1 is selected from the group consisting of C_{1-7} alkyl, C_{1-7} haloalkyl and C_{2-7} alkenyl;

wherein Q^1 may be substituted with one or more substituents selected from the group consisting of halo, cyano, hydroxy, OR^{11}, C_{1-5} alkyl, C_{1-5} haloalkyl, C_{2-5} alkenyl, nitro, amino (H_2N-), $R^{11}HN$-, $R^{11}R^{12}N$-, ~~amido~~ ($H_2NC(O)$), $R^{11}HNC(O)$, $R^{11}R^{12}NC(O)$ and $R^{11}OC(O)$, and

wherein R^{11} and R^{12} are independently C_{1-5} alkyl, C_{1-5} haloalkyl or C_{2-5} alkenyl;

R^M is selected from the group consisting of C_{1-7} alkyl, $R^{M1}HN$-, $R^{M1}R^{M2}N$-, C_{3-7} cycloalkyl, aryl, biaryl and 4-7 membered heterocyclyl,

wherein R^M may be substituted with one or more substituents independently selected from the group consisting of halo, cyano, hydroxy, OR^{M1}, C_{1-5} alkyl, C_{1-5} haloalkyl, C_{2-5} alkenyl, nitro, amino (H_2N-), $R^{M1}HN$-, $R^{M1}R^{M2}N$-, amido ($H_2NC(O)$), $R^{M1}HNC(O)$ and $R^{M1}R^{M2}NC(O)$, and

wherein R^{M1} and R^{M2} are independently C_{1-5} alkyl, C_{1-5} haloalkyl or C_{2-5} alkenyl;

L^3 is C_{1-7} alkyl or C_{2-7} alkenyl;

wherein L^3 may be substituted with one or more substituents selected from the group consisting of halo, hydroxy, methoxy and amino (H_2N-);

or L^3 is absent; and

Q^4 is hydrogen;

or a derivative thereof that bears one or more protecting groups.

29. (Original) A compound of claim 28, wherein Q^1 is unsubstituted C_{1-3} alkyl.

30. (Original) A compound of claim 28, wherein Q^1 is methyl.

31. (Original) A pharmaceutical composition comprising a pharmaceutically acceptable excipient and a compound of claim 1, 20, 21, or 24.

32. (Cancelled)

33. (Currently Amended) A method of treating a subject having a disease or condition modulated by histamine H_3 receptor activity, comprising administering to the subject a therapeutically effective amount of a compound of claim 1, 21, or 24, wherein said disease or condition is selected from the group consisting of sleep/wake disorders, arousal/vigilance disorders, migraine, epilepsy and narcolepsy.

34. (Cancelled)

35. (Currently Amended) A method for treating a disease or condition modulated by at least one receptor selected from the histamine H_1 receptor and the histamine H_3 receptor, wherein said disease or condition is selected from the group consisting of sleep/wake disorders, arousal/vigilance disorders, migraine, epilepsy and narcolepsy, said method comprising (a) administering to a subject a histamine H_1 receptor antagonist compound, and (b) administering to the subject a compound of claim 1, said method providing a therapeutically effective amount of said compounds.

36. (Original) The method of claim 35 wherein the histamine H_1 receptor antagonist and the compound of claim 1 are present in the same dosage form.

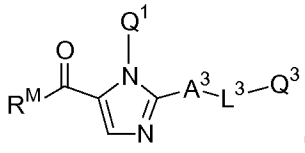
37. (Currently Amended) A method for treating diseases or conditions modulated by at least one receptor selected from the histamine H_2 receptor and the histamine H_3 receptor in a subject, wherein said disease or condition is selected from the group consisting of sleep/wake disorders, arousal/vigilance disorders, migraine, epilepsy and narcolepsy, said method comprising (a) administering to the subject a histamine H_2 receptor antagonist

compound, and (b) administering to the subject a compound of claim 1, said method providing a therapeutically effective amount of said compounds.

38. (Original) The method of claim 37 wherein the histamine H_2 receptor antagonist and the compound of claim 1 are present in the same dosage form.

39. (Cancelled)

40. (Currently Amended) A process for the production of a compound of the formula (11):



(11)

wherein:

Q^1 is selected from the group consisting of C_{1-7} alkyl, C_{1-7} haloalkyl and C_{2-7} alkenyl;

wherein Q^1 may be substituted with one or more substituents selected from the group consisting of halo, cyano, hydroxy, OR^{11}, C_{1-5} alkyl, C_{1-5} haloalkyl, C_{2-5} alkenyl, nitro, amino (H_2N-), $R^{11}HN$-, $R^{11}R^{12}N$-, ~~amido~~ ($H_2NC(O)$), $R^{11}HNC(O)$, $R^{11}R^{12}NC(O)$ and $R^{11}OC(O)$, and

wherein R^{11} and R^{12} are independently C_{1-5} alkyl, C_{1-5} haloalkyl or C_{2-5} alkenyl;

R^M is selected from the group consisting of C_{1-7} alkyl, $R^{M1}HN$- $R^{M1}R^{M2}N$-, C_{3-7} cycloalkyl, aryl, biaryl and 4-7 membered heterocyclyl,

wherein R^M may be substituted with one or more substituents independently selected from the group consisting of halo, cyano, hydroxy, OR^{M1}, C_{1-5} alkyl, C_{1-5} haloalkyl, C_{2-5} alkenyl, nitro, amino (H_2N-), $R^{M1}HN$-, $R^{M1}R^{M2}N$-, amido ($H_2NC(O)$), $R^{M1}HNC(O)$ and $R^{M1}R^{M2}NC(O)$, and

wherein R^{M1} and R^{M2} are independently C_{1-5} alkyl, C_{1-5} haloalkyl or C_{2-5} alkenyl;

A^3 is NH, NR^3, sulfur or oxygen, wherein R^3 is C_{1-5} alkyl;

L^3 is C_{1-7} alkyl or C_{2-7} alkenyl;

wherein L^3 may be substituted with one or more substituents selected from the group consisting of halo, hydroxy, methoxy and amino (H_2N-);

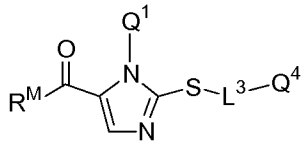
or L^3 is absent; and

Q^3 is selected from the group consisting of C_{1-7} alkyl, C_{1-7} haloalkyl, C_{2-7} alkenyl, C_{3-7} cycloalkyl, C_{5-7} cycloalkenyl, aryl, 4-7 membered heterocyclyl, C_{3-7} cycloalkyl- 4-7 membered heterocyclyl, 4-7 membered heterocyclyl- C_{3-7} cycloalkyl, bi-(4-7 membered heterocyclyl), $R^{31}HN$-, $R^{31}R^{32}N$-, azinoyl ($R^{31}HN^+(O^-)$ or $R^{31}R^{32}N^+(O^-)$), C_{3-7} cycloalkylamino, 4-7 membered heterocyclylamino, aryl C_{1-6} alkylamino, C_{3-7} cycloalkylsulfanyl, 4-7 mebered heterocyclylsulfanyl and 4-7 membered heterocyclyloxy;

wherein Q^3 may be substituted with one or more substituents selected from the group consisting of halo, cyano, hydroxy, OR^{31}, C_{1-5} alkyl, C_{1-5} haloalkyl, C_{2-5} alkenyl, nitro, amino (H_2N-), $R^{31}HN$-, $R^{31}R^{32}N$-, ~~amido~~ ($H_2NC(O)$), $R^{31}HNC(O)$, $R^{31}R^{32}NC(O)$, $R^{31}OC(O)$, C_{3-7} cycloalkyl, monocyclic 4-7 membered heterocyclyl and monocyclic 4-7 membered heterocyclyl- C_{1-6} alkyl, and

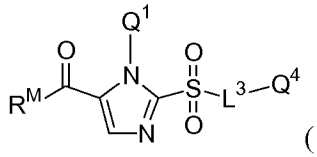
wherein R^{31} and R^{32} are independently C_{1-5} alkyl, C_{1-5} haloalkyl or C_{2-5} alkenyl;

that comprises treating a compound of the formula (5b)



(5b)

wherein Q^4 is hydrogen, with an oxidizing agent resulting in an intermediate compound of the formula (10)



(10)

and treating said intermediate compound (10) with a reagent H-A^3-L^3-Q^3, wherein L^3 of the reagent H-A^3-L^3-Q^3 is independent of L^3 of formula (5b) and formula (10), in the presence of a base in a suitable solvent yielding said compound of formula 11.

41. (Original) A process according to claim 40, wherein said oxidizing agent is either hydrogen peroxide in acetic acid, or 3-chloroperoxybenzoic acid in dichloromethane or diethyl ether.

42. (Original) A process according to claim 40, wherein said base is an alkali metal hydride.

43. (Original) A process according to claim 42, wherein said alkali metal hydride is sodium hydride.

44. (Original) A process according to claim 50, wherein said suitable solvent is a member selected from the group consisting of dimethylformamide, benzene, 1,2-dimethoxyethane and tetrahydrofuran.

45. (Original) A process according to claim 54, wherein said suitable solvent is tetrahydrofuran.